

What is claimed is:

1. A method of processing graphical data for display on a display device, said method comprising:

accessing said graphical data;

accessing graphical alteration information associated with said multi-component display, said graphical alteration information related to distortion of graphical objects displayed on said multi-component display; and

processing said graphical data in accordance with said graphical alteration information to generate updated graphical data, wherein said updated graphical data compensates for said distortion and is operable to improve display quality of said display device.

2. The method of claim 1, wherein said processing comprises application of an image sharpening algorithm to said graphical data.

3. The method of claim 1, wherein said processing comprises amplifying high frequency components of said graphical data.

4. The method of claim 3, wherein said amplifying said high frequency components comprises:

applying a low-pass filter to said graphical data to generate low-pass graphical data;

subtracting said low-pass graphical data from said graphical data to generate high-pass graphical data; and

adding said high-pass graphical data to said graphical data to generate said updated graphical data with amplified high frequency components.

5. The method of claim 1, wherein said display device comprises a multi-component display, and wherein said method further comprises:

displaying graphical objects based upon said updated graphical data on said multi-component display.

6. The method of claim 1 further comprising:

transforming said graphical data from a first space to a second space;

processing said graphical data in said second space to generate said updated graphical data in said second space; and

transforming said updated graphical data from said second space to said first space.

7. The method of claim 6, wherein said first space comprises a red-green-blue color space, and wherein said second space comprises a luminance-chrominance space.

8. The method of claim 1, wherein said graphical alteration information is associated with an optical component of said display device.

9. The method of claim 8, wherein said optical component is selected from a group consisting of a filter, a diffuser, a polarizer, a lens, and a touchscreen.

10. The method of claim 1, wherein said graphical alteration information is associated with a display screen of said display device.

11. A computer-usable medium having computer-readable program code embodied therein for causing a computer system to implement a method of processing graphical data for display on a multi-component display, said method comprising:

accessing said graphical data;

accessing graphical alteration information associated with said multi-component display, said graphical alteration

information related to distortion of graphical objects displayed on said multi-component display; and

processing said graphical data in accordance with said graphical alteration information to generate updated graphical data, wherein said updated graphical data compensates for said distortion and is operable to improve said display quality of said multi-component display.

12. The computer-usable medium of claim 11, wherein said processing comprises application of an image sharpening algorithm to said graphical data.

13. The computer-usable medium of claim 11, wherein said processing comprises amplifying high frequency components of said graphical data.

14. The computer-usable medium of claim 13, wherein said amplifying said high frequency components comprises:

applying a low-pass filter to said graphical data to generate low-pass graphical data;

subtracting said low-pass graphical data from said graphical data to generate high-pass graphical data; and

adding said high-pass graphical data to said graphical data to generate said updated graphical data with amplified high frequency components.

15. The computer-usable medium of claim 11 further comprising:

transforming said graphical data from a first space to a second space;

processing said graphical data in said second space to generate said updated graphical data in said second space; and

transforming said updated graphical data from said second space to said first space.

16. The computer-usable medium of claim 15, wherein said first space comprises a red-green-blue color space, and wherein said second space comprises a luminance-chrominance space.

17. The computer-usable medium of claim 11, wherein said graphical alteration information is associated with an optical component of said multi-component display.

18. The computer-usable medium of claim 17, wherein said optical component is selected from a group consisting of a filter, a diffuser, a polarizer, a lens, and a touchscreen.

19. The computer-usable medium of claim 11, wherein said graphical alteration information is associated with a display screen of said multi-component display.

20. A system comprising a processor coupled to a memory, wherein said memory comprises instructions that when executed on said processor implement a method of processing graphical data for improved display quality on a multi-component display, said method comprising:

accessing said graphical data;

accessing graphical alteration information associated with said multi-component display, said graphical alteration information related to distortion of graphical objects displayed on said multi-component display; and

processing said graphical data in accordance with said graphical alteration information to generate updated graphical data, wherein said updated graphical data compensates for said distortion and is operable to improve said display quality of said multi-component display.